

**Table 2-1**  
**Comparison of Risk Assessment Options**

Factors	DTL	Tier 1	Tier 2	Tier 3
<b>Exposure Factors<sup>1</sup></b>	Default	Default	Default	Site-specific
<b>Toxicity Factors<sup>1</sup></b>	Default	Default	Default	Most current
<b>Physical and Chemical Properties<sup>1</sup></b>	Default	Default	Default	Most current
<b>Fate and Transport Parameters<sup>1</sup></b>	Default	Default	Site-specific	Site-specific
<b>Unsaturated Zone Attenuation</b>	Depth to water table dependent	Depth to water table dependent	Depth to water table dependent	Site-specific model
<b>Fate and Transport Models</b>	Default	Default	Default	Alternative
<b>Comparative Concentrations</b>	Maximum	Representative Concentrations- See Appendix E	Representative Concentrations- See Appendix E	Representative Concentrations- See Appendix E
<b>IELCR</b>	$1 \times 10^{-5}$	$1 \times 10^{-5}$	$1 \times 10^{-5}$	$1 \times 10^{-5}$
<b>Hazard Quotient</b>	1	1	1	1
<b>Cumulative Effects</b>	Not considered	Not considered	Not considered	Not considered
<b>Groundwater Ingestion Pathway Complete</b>	MCL or equivalent	MCL or equivalent	MCL or equivalent	MCL or equivalent
<b>Ecological Risk</b>	NA	Evaluate	Evaluate	Evaluate
<b>Outcome of Evaluation</b>	NFA, Tier 1, CAP	NFA, Tier 2, CAP	NFA, Tier 3, CAP	NFA, CAP
<b>Land Use</b>	No	Yes	Yes	Yes
<b>Activity and Use Limitations</b>	None	Depend on land use, groundwater use, and assumption in risk assessment		

DTL: Default Target Level

IELCR: Individual Excess Lifetime Cancer Risk

MCL: Maximum Contaminant Level

NFA: No Further Action

CAP: Corrective Action Plan

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<sup>1</sup> Refer to Appendix B